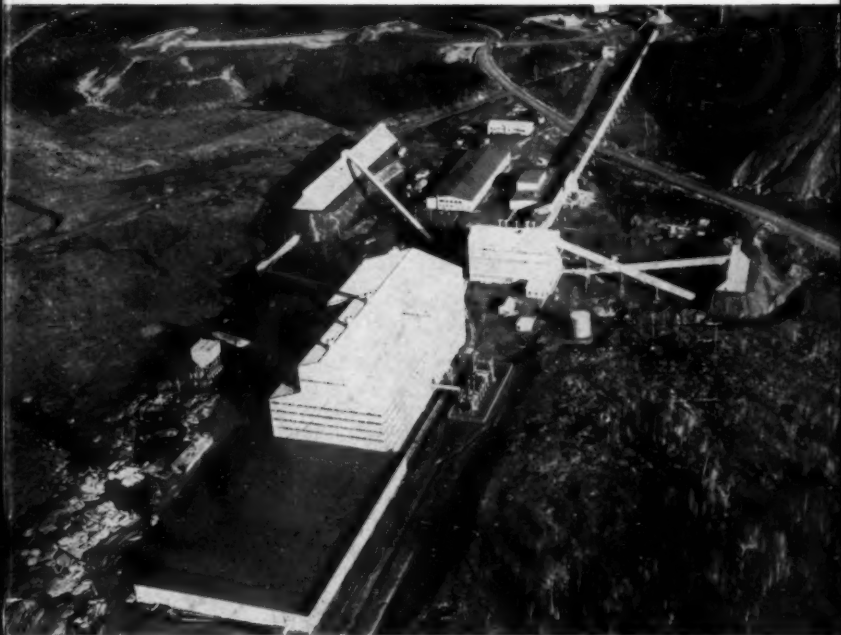


ASBESTOS



Asbestos Corporation Limited's Normandie Mine, near Coleraine, Quebec, Canada.

JUNE 1955

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Southern Production Co. Gasoline Plant, Pledger, Texas



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MODERN TESTING METHODS

(This is the second part of a series of articles entitled "Modern Testing Methods", by Charles Z. Carroll-Porczynski, Head Deputy, Textile Testing Department, British Belting & Asbestos Ltd., Cleckheaton, Yorkshire, England. The first part was published in the May 1955 number.)

Continuous Winding Tester for Asbestos Yarns

The technical merit of asbestos yarn is largely judged on its strength at normal and elevated temperatures.

The first is necessary from the processing point of view, that is, during the conversion of the yarn into the fabric; and the second from the point of view of the conditions of use. Thermal evaluation of the asbestos textiles however will be the subject of a separate report.

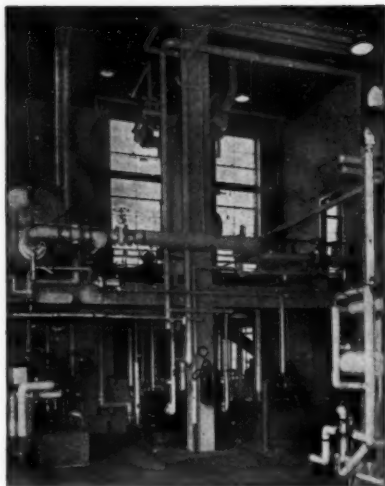
This chapter will discuss the strength of the yarns exposed to standard atmosphere in which it is subjected to strains and stresses during winding, weaving, braiding, knitting and other operations.

Normal yarn testers give a measure of average strength which is very useful for many purposes, but in processes subsequent to spinning and doubling, the frequency of the weak places along the yarn is perhaps of greater importance than the so-called "average strength". For example, it is very desirable to know how many breaks are likely to occur in a warp yarn when it is subjected to the normal strain of weaving.

In order to illustrate this point more fully, let us assume that a weaver's beam contains 1,000 ends and that in each end there is one weak spot in every yard woven. A very large number of tests would have to be done with the ordinary type of tester to determine an approximate frequency of weak spots along the yarn. With the Constant Tension Continuous Winding Tester, several thousand yards can be tested in a comparatively short time.

When it is desirable to know the cause of weakness in a yarn, this test provides a suitable method of finding the weakest places. The broken ends of the yarn may be collected for examination by suitable technique.

Some examples will now be given of the ways in



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which this tester has helped to find out the cause of weak places in the yarns:—

1. The modification of an asbestos blend by the introduction of new fibres resulted in unexpected lowering of the tensile strength of the yarn.

After fuller investigation with the help of the winding tester, it has been found that 90% of low breaks were caused by the presence of unopen fibre bundles and the rock particles which prevented insertion of twist, thus creating the weak places in the yarn. The subsequent modification of the opening treatment for new fibres resulted in a considerable improvement both in respect of the average strength of the yarn and in less frequent occurrence of weak spots.

2. Interesting results were obtained when a batch of yarns spun from four spools (A, B, C, and D) four-height tape condenser was passed under the same tension through the winding tester. All the yarns spun from the spool A were found to be considerably weaker than those from spools B, C, and D. Further examination of the roving ends from spool A disclosed flat unrubbed places at regular intervals caused by the faulty rubber joints. With the replacement of the rubbers a great proportion of the weak places was eliminated.

These examples suggest that the routine testing of yarns by winding them at known constant tension may be well worth while. There are several types of the winding testers on the market. One which was found to be quite satisfactory for asbestos yarns is the Shirley Institute Constant Tension Winding Tester.

Small modifications were made by the Author, mainly, the disc tensioner was replaced by the gate tensioner, and the new revs. counter was fixed to the tester. The disc Tensioner was considered to be unsatisfactory for asbestos yarns owing to the accumulation of dust, and also due to the fact that thick places in the yarn affected tension and prevented smooth passage through the tester.

Description of Instrument.

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A constant tension is maintained in a span of 12 inches of the running yarn between top and bottom pulleys of the tester. With the package mounted on the adjustable revolving spindle, the yarn is passed through the guide eye at the left hand side of the instrument through a gate tensioner and round the cylindrical part of the lower pulley in a clockwise direction. The yarn is now taken over the top pulley attached to the balance beam, and round the cone which forms the front half of the lower pulley.

Three quarters of a turn is made round this cone and the yarn taken off through the right hand guide to the traversing guide of the winding drum. Weights are placed on the weight hanger to the value of twice the tension at which the yarn is required to turn. When threading the instrument, it is advisable to depress the beam on to its front stop by hand, releasing the beam gently immediately the yarn is running. The gate tensioner is then adjusted so that the balance beam floats freely between its two stops.

The winding speed may be varied, but the rate of 60 yards per minute is recommended for routine tests. The winding drum which is one yard in circumference, is driven by an electric motor operating through a clutch mechanism. There are alternative arrangements for the disposal of the yarn after test:—

- (A) The yarn may be wound continuously on to the drum until the completion of the test run, when it may be removed by either rewinding from the drum after disengaging the clutch, or the yarn may be cut away from the surface of the drum by cutting with a sharp knife along the grooved surface on the drum specially provided for this purpose.
- (B) The yarn may be passed over the pressure roller and run directly into a waste can.

The housing of the apparatus was made by the Halifax firm of Messrs. James Heal & Co. Ltd., according to the submitted specification.

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J-M TOOL AND DIE MAKERS

Metallic gaskets made at Johns-Manville's New Brunswick (NJ) Plant may be riding the stratosphere in a B-52 bomber (to maintain a tight seal in pneumatic duct systems), nuzzling the ocean depths in the deep silent run of a submarine (gasket used in Diesels), controlling the flow of oil out of the oil wells or doing a job in any of the basic industries of America.

Approximately 40 million J-M Goetze Gaskets of all sizes, shapes and types were made at New Brunswick last year. According to the design, type and quantity of gaskets ordered by the customer, gaskets may be hand-made in the Sheet Metal Department, turned on a lathe in the Machine Department or produced by tools and dies in the Press Department.

The manufacture of tools and dies by the New Brunswick team of tool die makers is one of the most interesting and highly skilled operations found in J-M plants. Each gasket made in the Press Department requires at least one set of tools for their manufacture.

Nine men make up the Tool and Die Making section of this plant, and each man averages 15 years of tool and die making experience. Tool Design is headed by Plant Engineer Otto Hoheisel and Myron Tyhanic is the Tool Designer.

Normally a customer's order is received with a blueprint of the gasket desired. Working from the customer's blueprint, layout of the tool work is determined and a tool is designed. A single tool may run as high as \$2,000 to make and consume 150 to 200 hours before even a production sample can be shown the customer.

Many orders are "repeats", in which case production men draw upon large inventories of tools made over the years. New Brunswick Plant has approximately 11,000 such complete tools in stock which have been made by Plant Tool and Die Makers. Upwards of 400 complete new tools were made here in 1954.

One of two new machines acquired during April to make tools for the production of gaskets is a 17,000 lb. Cincinnati Hydro-Tel Miller. It reproduces irregular shaped tools from templates.

Carey **ASBESTOS**

Since 1873 Carey has been manufacturing products of which asbestos is an integral part.

And Carey research is constantly working to make those products work better and to develop new products which will utilize the outstanding qualities of asbestos.

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FREE WORLD DEPENDS ON QUEBEC FOR ASBESTOS

Asbestos today is essential to dozens of industries. It is also an essential material for defense.

Production leaders in the free world, some of whom had expressed fears that there might be a shortage of asbestos spinning fibres in case of an emergency, were reassured in April when the Quebec Asbestos Mining Association made public the results of a survey.

"The potential supply of spinning fibres," the Association survey reported, "is now considerably in excess of any probable inter-national demand even in a period of emergency."

On the basis of installed mill capacity on January 1, 1955, the Canadian asbestos industry is able to produce an annual total of 63,072 tons of Groups 1, 2 and 3, the survey shows. This could be increased by another 8,000 tons per years of high grade Group 3 fibres in a very short tme if an emergency arose. These figures compare with a total of 28,030 tons per year during the war and 35,027 tons per year during the Korean crisis.

Normal demands in the textile industry are not sufficient to use this production potential, the survey adds. The figures given, therefore, are not actual production figures but the amounts which could be produced if needed. Much of the industry's expansion program has been designed to give this necessary protection to defense industries in the free world in case an emergency should arise.

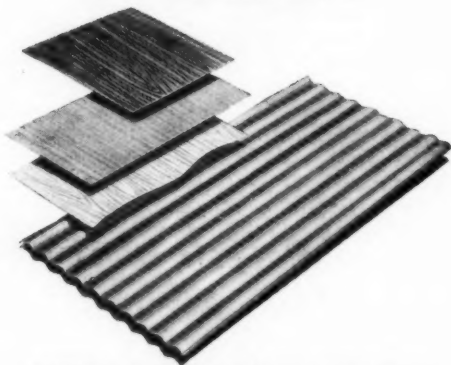
All three defense services, army, navy and air force, require asbestos in their vehicles and armaments. Quebec's asbestos region is therefore an important factor in the defense of the free world.

(From The Asbestos Producer, April 1955)

Carey has just developed and will soon release a decorative built-up roof for low-pitch contemporary home construction and industrial plants. It combines beauty with fire protection for the first time in this type of roof.

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OPERATIONS RESEARCH - AID TO THE INDUSTRIAL PLANNER

Techniques of strategic planning, first used by the military, are now being widely applied at the top planning level in industrial operations. Known as Operations Research, these techniques take much of the guesswork out of selecting and plotting courses of action and afford an informed basis for making important decisions.

THE APPLICATION OF OPERATIONS RESEARCH TO INDUSTRY. Operations Research Office, Johns Hopkins University, operating under contract with the Department of the Army. 1955 edition. 62 pages, with charts and diagrams. (Order PB 111596 from OTS, U. S. Department of Commerce, Washington 25, D. C., price \$1.75) Techniques of scientific analysis, borrowed from military tactical operations, are applied to industrial planning. This volume describes the functions of the operations analyst and his relations to the executive, the analytical tools used in operations research, and case histories. It includes a checklist for solving action problems, and useful references, and a list of interested organizations.

ONE JOB LEADS TO ANOTHER

Men who spend their working days mining and milling asbestos in Canada are helping thousands of other Canadians to keep their jobs.

The jobs of workers in aircraft factories and shipyards, radio manufacturing companies and motor car factories depend on a steady supply of asbestos. And, of course, the railroads and steamship line workers and truck drivers are kept on the job hauling supplies to the asbestos mines and fibre to world markets.

Thus in this modern world, every asbestos producer provides a job for some fellow worker who may live many hundreds of miles away.

(From The Asbestos Producer, April 1955)



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In Canada: Mundet Cork & Insulation, Ltd., 35 Booth Ave., Toronto			

THIS AND THAT

COLORED TIRES — Colored tires, a goal sought by the rubber industry for 40 years, are now being produced at the Detroit plant of the United States Rubber Company and will be available to the American motorists this coming month. With the tire industry more style-conscious than ever before, U. S. Rubber has taken the lead in adding three colors — blue, green and brown — to its line of white sidewall Royal Master tires. The color extends from the outer edge of the white sidewall to the top edge of the tread. The color accents the white sidewall and blends with the two tone color styling of 1955 automobiles.

Raybestos Division of Raybestos-Manhattan, Inc. of Bridgeport, Conn., has recently announced a new seven-piece brake service tool set containing everything a mechanic needs to do almost any brake service job. It consists of: $\frac{1}{2}$ " x $\frac{9}{32}$ " offset box wrench; $\frac{3}{16}$ " x $\frac{1}{4}$ " open end 15 deg. angle wrench; $\frac{3}{8}$ " x $\frac{7}{16}$ " flare nut wrench; $\frac{3}{8}$ " x $\frac{7}{16}$ " offset box wrench; $\frac{3}{8}$ " x $\frac{7}{16}$ " offset box wrench; $\frac{5}{8}$ " x $\frac{11}{16}$ " long type offset box wrench; brake anchor wrench; multi-purpose leverage plier.

The 15th edition of "CONSULTING SERVICES" (1955) published by the Association of Consulting Chemists and Chemical Engineers, Inc., has just been released.

Revised and streamlined, it now appears in a new format, 6X9, for easy handling. It contains 144 pages of valuable information. Inside front and back covers carry excerpts from "Code of Ethics" and "By-Laws" respectively.

Demand for this book is always very heavy. Send early letterhead requests with remittance of \$1.00 per copy to the Association, 50 E. 41st St., New York 17, giving source of reference, name of person and company, and complete address including postal zone number.



HAIR FELT

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Quad-rings — Their composition, specifications, applications and advantages — are discussed in a ten-page folder recently issued by Minnesota Rubber and Gasket Co., Minneapolis, originators of the modern rubber injection molding process.

The booklet completely describes factory approved methods for installing these newly-developed hydraulic seals. The center section is devoted to six typical applications, with all uses shown in photos and cutaway drawings, and the final section takes up packing gland design, complete with two-color illustrations and instructions for finding correct groove dimensions.

For copies of the literature and Quad-ring samples, write Department KP, Minnesota Rubber and Gasket Co., 3630 Woodale Ave., Minneapolis 16, Minn.

A complete line of Skullguard protective helmets developed for industrial workers, miners, and fire-fighters by Mine Safety Appliances Company, is described in a recently published booklet.

In addition to informational material on the importance of head protection, the 16-page brochure contains descriptions of all models of MSA Skullguards and their applications.

Copies of the bulletin, Number 0600-3, may be obtained from Mine Safety Appliances Company, 201 North Braddock Avenue, Pittsburgh, Pa.

Aquadam Built-Up Roofs, just announced by Johns-Manville, are newly developed roof specifications for decks varying from dead level to low inclines of $\frac{1}{2}$ " per ft. The roofs built up with asbestos felts will be smooth surfaced. Those built up with rag felts will be gravel surfaced. The use of asphalt impregnated roofing felts plus a special asphalt cement are combined to create new advantages in the field of bituminous based built-up roofs.

Aquadam Built-Up Roofs are now available nationally from certified Johns-Manville built-up roofing contractors. The installed price is approximately the same as other types of built-up roofs using the same number of plies.

ASBESTOS

ASBESTOS CORPORATION LIMITED

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"Biennial Report 1953 and 1954; National Bureau of Standards", National Bureau of Standards Miscellaneous Publication 213; 162 pages, 60 cents (Order from Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C.)

This report summarizes the research and development activities of the National Bureau of Standards in the physical sciences during the fiscal years 1953 and 1954.

An excellent article, "Determination of Cellulosic Constituents in Asbestos and Asbestos-Glass Textile Materials" by Carroll-Porzynski, appeared in the February 1955 number of the Journal of Textile Institute, Manchester, England.

The article is well written and contains several interesting tables and photographs.

"ASBESTOS" has a few copies of the entire article and will gladly send to our readers upon request.

Aluminized pipe jacketing which is resistant to fire, acid and water, has been developed by the textile division of United States Rubber Company, New York City.

Made of aluminum foil laminated onto vapor-proofed asbestos cloth, it can be used to cover pipe insulation in heating, piping, refrigeration and air conditioning systems in electric utility and industrial plants and commercial and institutional buildings. Called Asbeston pipe insulation jacketing, it requires no painting.

"What's Back of the Building Outlook" is the title of an address given by George Cline Smith, at the Annual Savings and Mortgage Conference of the American Bankers Association, Hotel Statler, New York City, March 9th, 1955.

Copies of the address, in pamphlet form, are available from the Public Relations Department, F. W. Dodge Corporation, 119 West 40th St., New York 18, N. Y.



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STAFFORDVILLE, CONN. USA.**

** Nylon Has Proved Itself Essential in Asbestos Cement Felts*

BUILDING

Contact awards for future construction in the 37 eastern states in April shattered many previous records, it was announced by F. W. Dodge Corporation. The record-breaking total of \$2,322,085,000 was 37 per cent higher than April of last year. It established the following new peaks:

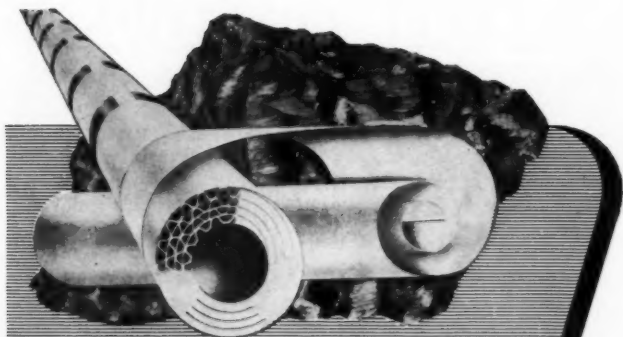
- The April figure was the highest for any April in Dodge's 64-year history.
- It was the highest for any month in history, except for May 1951, when nearly a billion dollars of atomic energy contracts swelled the total.
- It brought the first four months of 1955 to the highest level for any first four months in history.
- All three major categories—residential, non-residential and heavy engineering—set new April records and new records for the first four months.
- Residential contract awards in April were the highest ever reported in any month.

Commenting on the new figures, Thomas S. Holden, Dodge Vice Chairman, said "continuously rising contract volume is perfectly normal for this strong economy which is expanding so rapidly on many fronts; economic growth urgently demands new structural facilities in all existing categories, and also an ever-widening range of new structural types and of structures built to improved architectural and engineering standards.

The April total construction figure also was 9 per cent above March this year.

Individual April classifications were: non-residential, up 17 per cent over April 1954 but down 7 per cent from March at \$706,019,000; residential, up 34 per cent over April 1954 and up 8 per cent over March at \$1,070,129,000; heavy engineering, up 88 per cent over April 1954 and up 41 per cent over March at \$545,937,000.

The four-month 1955 total construction figure was 35 per cent above the comparable 1954 period at



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NORRISTOWN
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NORRISTOWN, PA.

MARKET CONDITIONS

GENERAL BUSINESS

General market conditions continued to improve last month. It is now predicted that the total national production for 1955 will equal or exceed that of 1953. Steel and automotive production continue at high levels. Union negotiations in both these industries will shortly reach a critical stage and the outcomes will be watched closely by all businessmen since they will indicate the approximate change in general wage levels to be expected for the coming twelve months and also what gains, if any, labor will make in its drive for the guaranteed annual wage.

Despite the overall picture of record prosperity, prices in most lines are very competitive and in most industries while the more efficient producers are setting sales and profit records there are less efficient units which are finding it more difficult than ever to maintain volume and profits at satisfactory levels.

ASBESTOS—RAW MATERIAL

The asbestos industry, like many others, has experienced an increase in tempo and demand during the early months of the current year.

In general, volume is running from 7 to 10% above last year and while all grades are in reasonably good supply, with the coming of the vacation periods at different mines some temporary scarcity of individual grades may be experienced.

Noticeable increases have developed in the use of asbestos fibre in the friction materials industry, as well as in asbestos cement products, principally siding and roofing shingles.

ASBESTOS—MANUFACTURED GOODS

Asbestos Textiles. Reasonably heavy demand continues to exist. Government buying has not been in evidence for the past several months; however, there are still many government orders in connection with which shipments currently are being made which contributes to fairly heavy factory shipments.

Asbestos Brake Lining. Sales are excellent—running about 8% ahead of last year. It looks like a very good year in sales—fair in profits. A strike threat against car manu-

CANADIAN ASBESTOS



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NICOLET INDUSTRIES, INC.

ASBESTOS FIBRE DIVISION

70 Pine Street

New York 5, New York

facturers could upset all predictions of "best year in Industry."

Asbestos Paper. Orders for paper about the same as last month, with keen competition for the available business. Demand for *Millboard* is good, orders having picked up a little over last month, reflecting increased activity in the appliance and equipment fields. The present market for *Saturated Paper* is running ahead of the same period for 1954.

Insulation. High Pressure. The present market, both F. O. B. and contract, is highly competitive. The volume of construction contracts that have been awarded this year is such that there should, before the end of the year, be an improvement in the high pressure business.

Insulation...Low Pressure. The demand for low pressure insulation has increased slightly over the previous months and is expected to increase a little more as a number of larger developments, which were started during the first part of the year, become ready for insulation.

Asbestos Cement Products. At present the market is strong, although slower than for the same period last year.

Sales are good in the roofing and siding market.

Production continues to exceed demand for corrugated and flat, but increased demand is anticipated for the next three months.

The normal seasonal increase in demand for asbestos pipes is currently being experienced, which is a marked improvement over the demand that existed a month or two ago.

Asphalt Tile. It is believed the total industry sales of asphalt and vinyl asbestos tile for 1955 will be approximately 800 million sq. ft. The outlook for the balance of the year is excellent with industry sales expected to continue considerably above the 1954 record.

The above comments have been made by various informed executives in the Industry. All comments are welcome.

SITUATIONS OPEN

Heat Insulation Estimator—Salesmen and Contract Managers required by national concern. Complete resume and sales history to Box 6M, "ASBESTOS," 807 Western Saving Fund B'dg., Phila. 7. All replies will be held confidential.

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- **CUSTOM**—DEVELOPED OUT OF THE EXPERIENCE IN THE **ASBESTOS** INDUSTRY.



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Canadian Johns-Manville Corp.
The Ruberoid Company
Flintkote Mines, Ltd.

We are represented in the principal cities of the United States, Canada and Overseas Export Offices in New York City.

Your direct inquiry will receive prompt attention.

PACKOMATIC

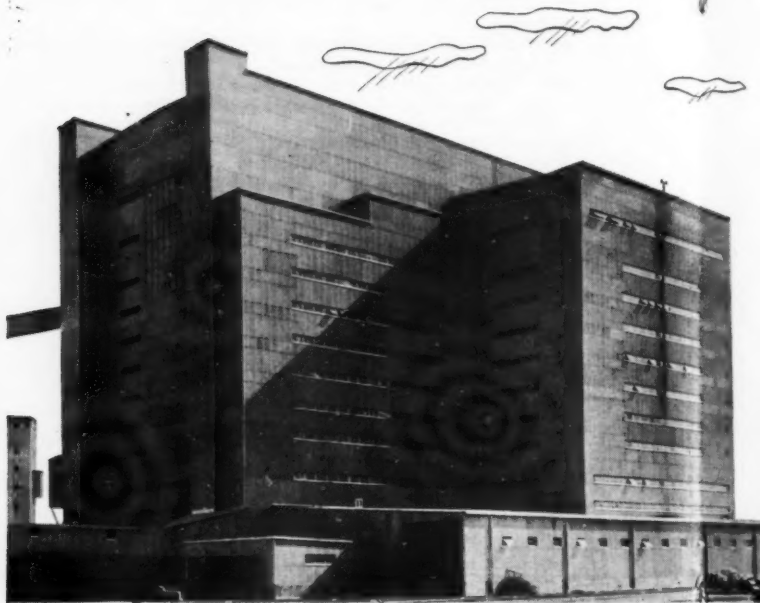
T. M. REG. U. S. PAT. OFF.

PACKAGING MACHINERY

J. L. FERGUSON CO. JOLIET, ILL.

Chicago, New York, Boston, Philadelphia, Tampa,
Cleveland, Denver, San Francisco, Los Angeles,
Baltimore, Seattle, Portland, Dallas, New Orleans

Johns-Manville's **GIANT** NEW ... assures asbestos fibre users an dependable supply for present and future



By 1956, the capacity of this new mill will be about 625,000 tons. 14 stories high, it has 22½ acres of floor area.

Asbestos Fibre Division . . .

T NEW ASBESTOS MILL

ers uniform quality and
resent and future needs

ALREADY in operation, the new Jeffrey Asbestos Mill of Johns-Manville is the largest in the world. Its full production capacity will be greater than one-third the free world's supply of fibre. Its ultra-modern machinery can produce cleaner, higher quality fibre in closer conformance to customer requirements than possible with conventional equipment. In addition, the "pressure packing" system of shipping used at this mill and developed by Johns-Manville, results in substantial customer economies. For more information, write to the address below.



"Shorts" and "floats" of asbestos fibre are blended in varying amounts for different uses in this automatic batching equipment.



Asbestos fibres are pressure-packed in uniform 100-lb. blocks at the mill. This new method simplifies storage and handling, reduces freight charges.

Canadian Johns-Manville Co., Ltd.
Asbestos, P.Q., Canada Telephone ASbestos 100

Automobile Sales

	April 1955
Passenger Cars	753,434
Motor Trucks	127,887
Motor Coaches	519
	<hr/>
	881,840

In April 1954, a total of 631,769 motor vehicles were sold. In the four months of 1955 the total was 3,246,758.

These figures were supplied by the Automobile Manufacturers Association, New Center Building, Detroit, Michigan.

PHILLIPS ASBESTOS MINES

Producers of
CRUDES
and

FIBERIZED ASBESTOS
The World's Finest Fibres

DRAWER 71

GLOBE, ARIZONA

Mines and Mills in Gila Co., Arizona

"Tropag"

ASBEST- & ERZIMPORT OSCAR H. RITTER K. G.
Hamburg Ballindamm 7

Importers since 1909 of

ASBESTOS - ORES - MINERALS

WORLD'S LARGEST SUPPLIER
of
AMOSITE
ASBESTOS

EGNEP, LTD., SKEFKO HOUSE

Rissik Street, Johannesburg, South Africa

(Mines centered at Penge, Northern Transvaal)

An Associate Company of
THE CAPE ASBESTOS CO., Ltd.

114-116 Park Street, London, W.1.

Amosite is a versatile fiber, ideal for rapid water release in wet-process filtration . . . as a reinforcement for asbestos-cement products, plastics, and rigid insulations . . . as an insulating medium. Relatively great fiber length and bulking give Amosite unique characteristics. For further information, contact the following Cape Asbestos Co. subsidiaries:



In the United States
NORTH AMERICAN ASBESTOS CORPORATION

Board of Trade Building, Chicago 4, Illinois

In Canada
CAPE ASBESTOS (Canada) Ltd.

200 Bloor Street East, Toronto, Ontario

PRODUCTION STATISTICS

Canada

(Department of Mines, Province of Quebec)

Tons 2000 lbs.

Production for March 1955	75,828 tons
Production for March 1954	72,327 tons
Dominion production for March 1955 is 78,524 tons, a difference of 2,696 tons from the Quebec figure.	

Africa (Rhodesia)

(Published by Rhodesia Chamber of Mines)

Tons 2000 lbs.

Production for January 1955	7,818.69 tons
Valued at	£495,538
Production for January 1954	5,718.81 tons
Valued at	£440,157

AUSTRALIAN STATISTICS

(Published by Bureau of Mineral Resources, Geology and Geophysics, Ministry of National Development)

Quarter Ending
September 1954

Production

Crocidolite	618 tons
Chrysotile	195 tons

813 tons

Imports

Amosite	2,778 tons
Chrysotile	7,163 tons
Crocidolite	84 tons
Other	6 tons

10,031 tons

Exports

Crude and fibre	505 tons
-----------------------	----------

Cyprus

(From Inspector of Mines)

	1st Quarter (ending Mar. 31, 1955)		
	January	February	March
Rock Mined	1,421	1,011	12,639
Rock Treated	25	67	952
Fibre Produced	44	40	204
Fibre Exported	265	50	36

CENTRAL ASBESTOS CO. LTD.

ABBAY WORKS • ABBAY STREET • LONDON. S. E. 1.

Phone: BERMONDSEY 3864

Cables: CENBESTOS LONDON

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Corner of Our Factory in London Showing
Asbestos Awaiting Processing

CAPE BLUE ASBESTOS

- HIGH TENSILE STRENGTH
- HIGH ACID RESISTANCE
- STRICT QUALITY CONTROL

DIRECT FROM THE MINES IN SOUTH AFRICA
OR FROM BUFFER STOCKS IN LONDON

We process to customers' requirements all types of Asbestos
ENQUIRIES WELCOMED FOR

CAPE BLUE • TRANSVAAL BLUE • AMOSITE • CHRYSOTILE ETC.

IMPORTS AND EXPORTS

Imports into U. S. A.

(Figures by Bureau of Census)

Unmanufactured Asbestos—By Countries

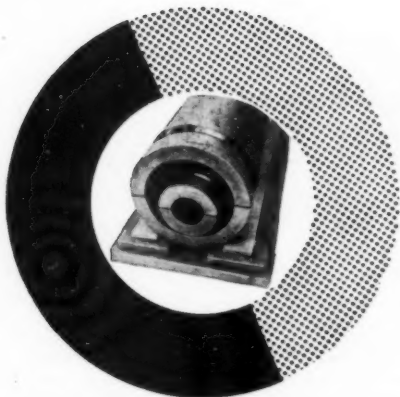
	January 1955 Tons (2240 lbs.)
From: Canada	43,329
Union of S. Africa	2,164
Australia	110
Rhodesia	175
Other Countries	27
	<hr/> \$45,715
Valued at	\$3,928,454

By Grades:

Crude No. 1, Chrysotile	8
Crude No. 2, Chrysotile	9
Crude, Other, Chrysotile, U. of S. Africa ..	164
Crude, Other, Chrysotile, Rhodesia	175
Crude, Blue, Australia	110
Crude, Blue, U. of S. Africa	707
Crude, Amosite, U. of S. Africa	1,235
Textile Fibres, Chrysotile, Canada	1,120
Textile Fibres, Chrysotile, Other Countries ..	9
Shingle Fibres, Chrysotile, Canada	5,709
Paper Fibres, Chrysotile, Canada	3,035
Other Fibres, Chrysotile, Canada	33,375
Other Fibres, Chrysotile, U. of S. Africa ..	58
Other Fibres, Chrysotile, Other Countries ..	1
	<hr/> 45,715

Manufactured Asbestos Goods:

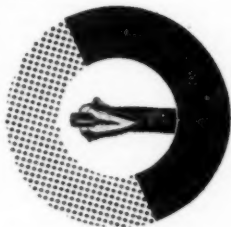
	January 1955 Quantity (lbs.)	Value
Asbestos Yarn, Canada	10,378	\$ 17,076
Asbestos Yarn, United Kingdom ..	57,172	59,163
Asbestos Packing and Lining	10,782	6,053
Asbestos Shingles (Not Impreg.)		
Canada	1,100,400	58,985
	<hr/> 1,178,732	<hr/> \$141,277



UNARCO

**For your most exacting
insulation requirements**

Unibestos No. 750 pipe covering • Unibestos
No. 1200 pipe covering • Unibestos block •
Asbestos textiles • Asbestos packings •
Asbestos gaskets • Asbestos gasket cloth and
tape • Asbestos fiber • Insutape pipe
insulation • Insutube pipe insulation •
Wovenstone pipe insulation • Thermal
insulating tape • Insubestos felt • Fabricated
specialty insulation



write for illustrated Brochure

UNION ASBESTOS AND RUBBER COMPANY

332 SOUTH MICHIGAN AVENUE — Chicago 4, Illinois

Exports from U.S.A.

(Figures by Bureau of Census)

Unmanufactured Asbestos:

	January 1955	
	Tons (2240 lbs.)	Value
To: Europe	55	\$ 5,059
Central America	10	1,740
South America	22	4,824
	87	\$ 11,623

Manufactured Asbestos Goods:

	January 1955	
	Quantity	Value
Asbestos Pipe Covg. & Cement ..Lbs.	210,718	\$ 39,834
Asbestos Textiles & YarnLbs.	90,851	93,559
Asbestos PackingLbs.	74,867	89,017
Asbestos Clutch Facings & Linings No.	91,150	55,644
Asbestos Bk. Lng. (Mld. & S.Mld.) Ft.	117,462	44,718
Asbestos Bk. Lng. in Rolls		
(Woven)Lin. Ft.	18,571	20,650
Asbestos Bk. Lng. (Inc. Sets)Lbs.	331,868	317,327
Asbestos Construction Materials..Lbs.	1,982,856	190,666
Asbestos Manufactures—Others	28,842
		\$880,257

Shipments of asbestos, gold, silver, clay products, lime and cement by the producers of the Province of Quebec have been higher in January, 1955, than those of the corresponding month in 1954.

According to the bulletin, asbestos has risen 5 per cent; gold, 53 per cent; silver, 45 per cent; clay products, 6 per cent; lime, 13 per cent; and cement, 35 per cent.

FOR SALE

MULTIPLE NEEDLE CHAIN TYPE STITCHING MACHINE. Will handle up to 84" wide, 5" thick. Adjustable needle spacing 1" O.C. Stitches adjustable from 1/2" to 4" in length. Complete with "A" frame, feed conveyor, take off roll, cut off roll, slitting knives. Inspection at our plant, Bloomington, Illinois. Contact Union Asbestos & Rubber Co., Mr. L. Stein, 332 S. Michigan Ave., Chicago 4, Ill., for further details.

NICHOLS
NEVER-STAIN

THE PERFECT

Aluminum Nail
for ASBESTOS SIDING



- RUST-PROOF — no discoloration
- GREATER HOLDING POWER
- SMALL INCONSPICUOUS HEAD
- STRONG ALUMINUM ALLOY — easy to drive

The finest rust-proof non-staining aluminum nails ever offered for the application of asbestos siding. Because of a special NICHOLS process an increase in nail strength has been developed that insures maximum drivability.

Small diameter head and thickness assures minimum visibility once nail has been driven.

Special threads developed by NICHOLS provide ultimate withdrawal resistance.

"File-Grip" Aluminum Nails are available in 1-7/16" and 1-3/4" lengths. "Screw-Thread" Aluminum Nails are available in 1-1/8" lengths.

New NICHOLS Aluminum Screw-Thread nails are used for applying asbestos siding over plywood sheathing and many other types of new work.

These nails are now included with asbestos siding and shingle shipments of many leading asbestos products manufacturers.

Write for free samples and descriptive literature. Address Dept. A.



NICHOLS WIRE & ALUMINUM CO.
GENERAL OFFICES & FACTORY—DAVENPORT, IOWA

Branches: Mason City, Iowa; Bettie Creek, Mich.; Cincinnati, Ohio; Atlanta, Ga.; Danbury, Conn.; Seattle, Wash.; Oakland, Calif.

Exports from Canada

(Published by Dominion Bureau of Statistics)

	March 1955	
	Tons (2000 lbs.)	Value
<i>Unmanufactured Asbestos</i>		
<i>Crude</i>		
United States	14	\$ 11,024
United Kingdom	9	4,479
South America
Central America & Mexico
European Countries	14	10,917
Other Countries	1	675
	38	\$ 27,095
<i>Milled</i>		
United States	16,612	\$2,722,302
United Kingdom	1,344	351,564
South America	531	96,960
Central America & Mexico	230	34,960
European Countries	969	174,207
Other Countries	2,152	345,143
	21,838	\$3,725,136
<i>Shorts</i>		
United States	48,844	\$2,260,977
United Kingdom	1,380	54,993
South America	443	27,391
Central America & Mexico	41	1,587
European Countries	597	25,267
Other Countries	444	35,399
	51,749	\$2,405,604
Grand Total—Unmanufactured Asbestos.	73,625	\$6,157,835
<i>Manufactured Asbestos Goods:</i>		
Brake Lining	\$	30,532
Packing		9,305
Other Materials		99,834
		\$ 139,671

WILHELM BURGDORF

Importer of Raw Asbestos

P. O. Box 1131, BREMEN, GERMANY



C.J. PETROW & CO. (PTY) LTD.
ASBESTOS

VOLKSKAS BUILDING 76 MARKET STREET
JOHANNESBURG, SOUTH AFRICA

**SOUTH AFRICAN
RHODESIAN**

ASBESTOS FIBRES

All Grades - All Types

P. O. Box 11000

Cable: SOTSEBSA

ASBESTOS TEXTILES

are manufactured in our own modern plant at Stark Mills, Hogansville, Ga. Spinning and weaving operations are closely controlled for maximum uniformity in asbestos yarns, fabrics and tapes. Specialties developed to meet customers' requirements.



Write: Asbeston® Dept., Textile Division
UNITED STATES RUBBER COMPANY
1230 Avenue of the Americas, New York 20, N. Y.



NEWS OF THE INDUSTRY

HAPPY BIRTHDAY

- E. B. Poulin, Secy-Treasurer, Asbestos Corporation, Ltd., St. Lambert, Montreal, Canada, June 20.
- Ladd L. Wilson, President, Sall Mountain Company, Hamilton, Ohio, June 20.
- Kenneth Gray, Director, The Cape Asbestos Co., Ltd., London, England, June 21.
- L. R. Leaver, Vice President, Thermoid Company, Trenton, N. J., June 21.
- Harold W. Donnelly, Vice President, Norristown Magnesia & Asbestos Company, Norristown, Pa., June 22.
- C. A. Schell, Vice President, Thermoid Company, Trenton, N. J., June 22.
- E. M. Bollaert, Vice President, Pacific Asbestos-Cement Products Corporation, San Bernardino, Calif., June 25.
- L. M. Clarke, Jr., Philip Carey Mfg. Co., New York City, June 26.
- A. F. Moore, Retired Manager, Asbestos Department, The Philip Carey Mfg. Co., Cincinnati, Ohio, June 26.
- H. A. King, Manager, Asbestos Fibre Sales, The Ruberoid Co., New York City, June 28.
- L. B. Palmer-Ball, President, Palmer Asbestos Company, Louisville, Ky., June 29.
- Ernest A. Beldam, Director, Beldam Asbestos Co., Ltd., Hounslow, England, June 30.
- Vincent W. Hemphill, Secretary, Standard Asbestos Mfg. Company, Chicago, Ill., July 1.
- S. F. Breuleux, Treasurer, The Philip Carey Mfg. Company, Cincinnati, Ohio, July 6.
- Charles S. Wood, Treasurer, Chas. S. Wood & Company, Newark, N. J., July 6.
- C. L. Hoshaw, Manager Construction Division, The Philip Carey Mfg. Company, Cincinnati, Ohio, July 7.
- G. K. McKenzie, Secretary, The Flintkote Co., New York City, July 7.
- Capt. W. A. Janitch, R. E., Representative in Great Britain for Asbestos Corporation Ltd., London England, July 10.
- A. M. Ehret, Jr., President, Ehret Magnesia Mfg. Company, Valley Forge, Pa., July 11.
- H. W. Prentis, Jr., Chairman, Armstrong Cork Company, Lancaster, Pa., July 11.
- Irving McCormick, President, The McCormick Asbestos Company, Baltimore, Md., July 13.

CABLE ADDRESS METABEST

METATE ASBESTOS CORPORATION

Producers of

ARIZONA CHRYSOTILE CRUDES

and

FILTRATION FIBRE

Mines & Mill:

**SAN CARLOS
INDIAN RESERVATION
GILA COUNTY, ARIZONA**

**P.O. BOX 1506
GLOBE, ARIZONA**

INDUSTRIAL SERVICE COMPANY

Builders of

ASBESTOS CEMENT MACHINERY

Our experienced engineers and machinists offer the industry entire machines built to deliver maximum production.

Your Inquiries Are Invited

1-51 Paterson Avenue

E. Rutherford, N. J.

Carlo M. Weber, Manager, Careystone Corrugated Dept., The Philip Carey Mfg. Co., Cincinnati, Ohio, July 14.

We extend congratulations and best wishes to all these gentlemen on the occasion of their birthdays.

NEW VICE PRESIDENT

Elected at Paul J. Krez Company

Paul J. Helmer has recently been elected vice president of Paul J. Krez Company, pipe covering contractors of Chicago.

Exports from U. S. A.

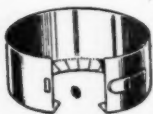
(Figures by Bureau of Census)

Unmanufactured Asbestos.

To	Year 1954	
	Tons (2240 lbs.)	Value
Europe	1,165	\$173,426
South America	119	17,095
Canada	52	9,100
United Kingdom	19	2,807
Central America & Mexico	87	14,070
Other Countries	200	56,904
	1,642	\$273,402

Manufactured Asbestos Good:

		Year 1954	
	Quantity		Value
Asbestos Pipe Covg. & Cement	Lbs. 4,178,628	\$	635,224
Asbestos Textile & Yarn	Lbs. 706,615		795,523
Asbestos Packing	Lbs. 2,067,497		1,639,381
Asbestos Clutch Facings & Linings	No. 1,138,760		879,450
Asbestos Bk. Lng. (Mid.&S.Mid.) Lin.Ft.	2,420,214		855,544
Asbestos Bk. Lng. Rolls (Woven) Lin.Ft.	409,660		337,214
Asbestos Bk. Lng.—Other	Lbs. 3,907,274		3,527,657
Asbestos Construction Materials	Lbs. 30,112,718		2,521,652
Asbestos Manufacturers—Others			383,436
			\$11,475,082



PIPE COVERING PROTECTORS

The "Royal" All Aluminum Adjustable and Permanent Protector for Pipe

Covering-ends. Easy to Apply . . . Prompt Shipment.

THE PROTECTOR CO. • GRANT WILSON, INC.

BOSTON 27, MASS.

CHICAGO 4, ILL.

NOW, AS ALWAYS—

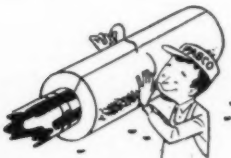


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**Dependable
Standard-
Modernized**



UNIFORM PRECISION

Dependable precision in heat insulation, to meet modern engineering demands! Pabco "Precision Molded" 85% Magnesia combines time-tested superiority with precision molding — close tolerances, controlled sizes, light weight, uniform texture!



SAVES MAN HOURS

Thus, Pabco is faster to apply! Easier to lift, quicker to cut and score, simpler to embed tie wires! You get Precision fit— pipe sizes and blocks molded to exact size!



PABCO PRODUCTS INC.

INSULATION DIVISION

San Francisco 19

New York 16

Manufacturers of Heat Insulation since 1920

FLINTKOTE BUILDING MATERIALS PROMOTES THREE

The promotion of *Alden Parks Noble* to Eastern Division Sales Manager, *Richard L. Murray* to Eastern District Manager and *John W. Johnson* to Pennsylvania District Manager was recently announced.

Mr. Noble, with twenty-one years in the building materials business, succeeds Arthur Beever, who recently retired after serving twenty-eight years with Flintkote. Mr. Noble has been with Flintkote for fourteen years, starting out as sales representative in the Richmond, Virginia area.

Moving up to Mr. Noble's old job as manager of the Flintkote Pennsylvania District Mr. Johnson will cover Pennsylvania and western New York. He joined Flintkote in 1948 as sales representative in Fairfax County, Conn., and was the New Jersey representative prior to his promotion.

Mr. Murray came with Flintkote in 1946 and traveled various sales territories in New Jersey before being made assistant manager of the Eastern District in 1951. Flintkote's Eastern District takes in New Jersey, eastern New York state and Fairfax County.

C. B. POOLER OF CAREY Dies Suddenly

C. B. Pooler, vice president, The Philip Carey Mfg. Company of Cincinnati, died en route on a Philadelphia to Chicago flight on May 20th.

Mr. Pooler was long recognized as a labor relations authority in addition to being well known in manufacturing circles. His rise in the building materials industry was often cited as an example of how one can make good in America. Mr. Pooler was first a water boy and a laborer in asbestos mines and on the railroad. He progressed through various positions to the vice presidency he held at death.

Graduating with electrical and mechanical engineering degrees, he was employed by U. S. Gypsum Company from 1910 to 1944. Mr. Pooler then joined Carey as head of all manufacturing at plants and mines in the United States and Canada.

COMMANDER G. M. D. HUTCHESON Appointed Director of Marinite Limited

Commander George M. D. Hutcheson (R.N. Retd.), Sales Manager of Marinite Limited since its formation in 1952, has been appointed a Director of the company.

Commander Hutcheson is the grandson of David Hutcheson, the founder in 1851 of MacBraynes. He went from St. Pauls School into the Royal Navy, and in 1935 joined I.C.I. in the Metals Division, later being transferred to the Plastics Division. He was recalled to the Navy in 1939 and after service he was attached to the British Admiralty Delegation at Washington for service with the Combined Chiefs of Staff.

Antony Gibbs & Co., Inc.

61 Broadway

New York 6, New York

Tel. Digby 4-6580

Sole Distributors in North America of

ASBESTOS FIBRES

Offered by

S. A. ASBESTOS TRADING (PTY.) LTD.

Johannesburg

From the Mines of:

RHODESIAN CHRYSOTILE

Vanguard Asbestos Mines

Boss Asbestos Mines

Associated Asbestos Mines

Grades: Spinning, 3Z, 4H, 5R, 6D, 7M

UNION CHRYSOTILE

Scottro Asbestos Mines

CAPE BLUE

Kuruman Cape Blue Asbestos

Grades: 1, 2, 3

TRANSVAAL BLUE

Baboon Asbestos Co.

Springbok Asbestos Co.

Grades: TD1, TD2, TD3, TD4

SCAPA DRYERS, LTD.

It is announced by Mr. John Wolstenholme, in his capacity as chairman of Scapa Dryers, Ltd., the felt manufacturers of Blackburn, England, that Scapa Dryers, Inc., a recently formed American company, will locate its plant in Waycross, Ware County, Georgia, where a 65-acre site has been acquired at the Waycross airport.

This major project is sponsored by Scapa Dryers, Ltd., of Blackburn, England, in association with Ayers, Ltd. of Lachute, P. Q., Canada. The new American plant has been designed along modern lines and will be fully air-conditioned. All the general equipment and the yarn preparation machinery will be of American make. The plant will be equipped with the very latest design of Hindle heavy dryer-felt looms, which are constructed by Hindle, Son & Co. Ltd., also of Blackburn, the engineering division of Scapa Dryers, Ltd. The American plant will produce the well-known Scapa range of pre-stretched cotton and asbestos dryer-felts, fitted with the Scapa improved clipper seams in sizes to suit the widest paper-machines existing or contemplated.

Mr. Tom Hindle, who is the Managing Director of the English sponsoring company, is President of Scapa Dryers, Inc.

Mr. Donald M. Brass, one of the principal technical sales executives of the English company, and who has a world-wide experience of the paper-making industry, has been appointed Executive Vice-President in charge of production and service at Waycross.

Domestic sales of Scapa dryer-felts from the new plant will be handled by Morey Paper Mill Supply Co., of Fitchburg, Mass.

The Waycross plant is scheduled to commence production by the end of this year. The engineering and construction of the plant is in the hands of the H. M. Pafford, Jr. Construction Company, of Waycross, Georgia.

MOUNTBRIDGE EXPLORATION & INVESTMENT CO. (PTY.) LTD.

Lubraco House, C/r Nugget & Pritchard Streets,
Johannesburg. Box 4421. Cables "Montexin"

*South African and Rhodesian
Asbestos Fibres*

ENQUIRIES WELCOME

BENJAMIN H. ROBERTS PASSES AWAY

Benjamin H. Roberts, president of Bird & Son, Inc., from 1935 to 1946, died in Boston on May 26th.

He joined Bird & Son in 1921 as plant engineer at the company's Chicago plant and was later superintendent and manufacturing manager of this plant.

In 1930 he transferred to the East Walpole Division of Bird & Son as staff engineer. He became manufacturing manager in 1933 and president in 1935. From 1946 to 1947 he was vice chairman of the Board, retiring in 1947 because of ill health. During his presidency he was a member of the Board of Directors and the Executive Committee.

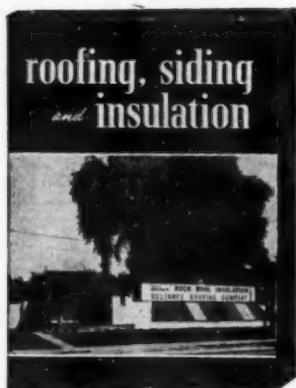
ASBESTOS FIBRES

ASBESTOS WASTE

Frank G. Ruggles Co. Inc.

50 CHURCH STREET

NEW YORK 7, NEW YORK



45 W. 45th Street

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WAY....

of selling the
nation's
roofing,
siding and
insulation
contractors!

CANTOR
PUBLISHING CO.

New York 19, N. Y.

R-M BUYS DIVISION OF ATLAS POWDER

The Revolite Division of Atlas Powder Company, Wilmington, Del., has been bought by Raybestos-Manhattan, Inc., Passaic, N. J.

The Revolite Division, which retains its name under Raybestos-Manhattan ownership, produces asbestos cloth covers for the laundry industry.

In announcing the purchase, John F. D. Rohrbach, president of R-M, stated the corporation's Asbestos Textile Division had supplied Revolite for years with asbestos pads and fabrics to manufacture covers. Consolidating the operations within one company with a logical step.

R-M has appointed Gray & Rogers, Philadelphia, to handle the advertising for the newly acquired Revolite Division.

JOHN J. KREZ PASSES AWAY

John J. Krez, chairman of the Board of Directors of the Paul J. Krez Company, pipe covering contractors, died on May 18th, in Chicago.

Mr. Krez has long been identified in the construction industry and was knighted by Pope Pius XII in 1947 for his work with the Angel Guardian Orphanage and the German Catholic cemeteries throughout Chicago.

JOHN HOLT & COMPANY INC

17 State St.

New York 4, N. Y.

Importers of South African Asbestos

Representing

JOHN HOLT & COMPANY (PTY) LTD.

JOHANNESBURG

CAPETOWN

PLANT INSULATION COMPANY



**Distributors and Contractors of Industrial
Insulations for All Temperatures and
Services from Sub-Zero to 3000° F.**

**2741 SOUTH YATES AVENUE
LOS ANGELES 22, CALIFORNIA**

CHESTER S. STACKPOLE RESIGNS

Chester S. Stackpole, general sales manager of the Union Asbestos & Rubber Company's Heating and Cooling Division, has resigned and will become managing director of the American Gas Association.

Mr. Stackpole came to Unarco in February 1954 from the Eureka-Williams Corporation, Bloomington, Illinois, where he served as vice president in charge of domestic sales, advertising and sales promotion. Prior to joining Eureka-Williams, he was president and general sales manager of the Chrysler Corporation's Airtemp division, Dayton, Ohio.

CAREY THREE MONTHS' REPORT

Report for the three months ended March 31, 1955 was issued recently by The Philip Carey Mfg. Company, and gives the following figures:

Sales 1955	\$12,510,870
Compared with same period in 1954....	10,176,700
Net Earnings after income taxes—1955	308,704
Compared with same period in 1954 ...	235,255
Earnings per common share34
Compared with same period in 195427

ARIZONA ASBESTOS

Mined and Milled by

JAQUAYS MINING CORPORATION

1219 S. 19th Avenue

PHOENIX, ARIZONA

**Producers of Low Iron Chrysotile
Crudes and Filter Fibre**

MINES AND MILL IN GILA COUNTY

L. M. CASSIDY ADDRESSES
Eastern Mortgage Conference

L. M. Cassidy, Chairman of the Board of Johns-Manville Corporation, told the annual Eastern Conference of the Mortgage Bankers Association of America, held at the Hotel Commodore on May 2nd, that this country is not building too many new homes, but is merely satisfying the enormously increased demand of people who have the money or credit to buy the kind of a house they want where they want it.

Although the possibility of over-building has been raised, the present pace of new home construction is actually the result of "a revolution in income, a revolution in where people want to live" and convenient credit terms.

ASBESTOS STOCK QUOTATIONS

(These figures are compiled from the Commercial & Financial Chronicle No guarantee as to their correctness).

	Par	May 1955		
		Low	High	Last
Amer. Br. Shoe (Com.)	np	35½	38½	38½
Amer. Br. Shoe (Pfd.)	100	101½	104¼	102¼
Armst. Ck. New (Com.)	1	32	35¼	32
Armst. Ck. (Pfd.)	np	98	101½	98¾
Asb. Corp. (Com.)	np	35	39½	37¼
Carey (Com.)	10	31¾	35¾	32½
Cassiar Asb. Corp.	np	\$8.40	\$10.00	\$8.40
Celotex (Com.)	np	27¾	30	29½
Celotex (Pfd.)	20	19¼	19¾	19¾
Certaineed (Com.)	1	25½	27¾	27½
Dominion Asb. Mines	1	20c	28c	21c
Flintkote (Com.)	np	39½	42	40
Flintkote (Pfc.)	np	105	106	106
Johns-Manville (Com.)	np	82	88¾	83¾
Natl. Gypsum (Com.)	1	45½	49¾	49
Natl. Gypsum (Pfd.)	np	102¼	104½	102¼
Pabco Products (Com.)	np	26¾	28¾	27½
Pabco Products (Pfd.)	100	96¼	101	99½
Ray-Man (Com.)	np	50	51¾	50¾
Ruberoid (Com.)	1	38¾	44	38¾
Thermoid (Com.)	1	8¾	12	11
Thermoid (Pfd.)	50	44	46¾	45
Union Asb. & Rub. (Com.)	5	8¾	9¾	8¾
United Asb. (Com.)	1	\$5.50	\$6.00	\$5.90
U. S. Gypsum	20	250	280	265
U. S. Gypsum (Pfd.)	100	180	180½	181
U. S. Rub. (Com.)	5	44	48¼	47¾
U. S. Rub. (Pfd.)	100	168¾	170¾	170

J-M'S NEW STEAM CURE TANK

One of the largest pieces of equipment ever moved into the Transite Pipe Department, Manville, N. J., is the new steam cure tank.

The tank is 149 feet long, has a seven-foot, seven-inch diameter and weighs 54 tons. It was transported in one piece on three flat cars.

This new equipment eliminates a bottleneck in the curing of Transite Pipe. As the sale of this product continues to increase, production has kept pace with demand. In fact, the Manville T/P men were able to make more pipe than they could cure in the time allotted for delivery of the product to customers. Hence, the new tank.

Small, flat cars loaded with Transite Pipe are pushed into the tank from the far end and guided on a narrow gauge track inside tank. When the tank is filled it is sealed from each end, the steam cure takes place, and the pipe is then removed from the near end.

CURRENT RANGE OF PRICE

As of June 10, 1955

Arizona—		Per Ton of 2,000 lbs., f.o.b. Globe, Arizona
No. 1 Crude (soft)		\$1,600.00 to \$1,700.00
No. 2 Crude (soft)		1,000.00 to 1,050.00
No. 3 Crude (soft)		450.00 to 500.00
Filter Fibre (soft)		250.00 to 450.00
No. 1 Crude (semi-soft)		1,200 to 1,500.00
No. 2 Crude (semi-soft)		900.00
No. 3 Crude (semi-soft)		400.00

Canada—		Per Ton 2000 lbs. f.o.b. Mine
Group No. 1 (Crude No. 1)		\$1,100.00 to \$1,500.00
Group No. 2 Crude No. 2; Crude		
Run-of-Mine and Sundry	500.00 to	1,000.00
Group No. 3 (Spinning Fibre)	300.00 to	525.00
Group No. 4 (Shingle Fibre)	150.00 to	200.00
Group No. 5 (Paper Fibre)	100.00 to	140.00
Group No. 6 (Waste, Stucco or Plaster)		77.00
Group No. 7 (Refuse or Shorts)	35.00 to	70.00

Vermont—		Per Ton of 2000 lbs. f.o.b. Hyde Park or Morrisville, Vt.
Group No. 3 (Spinning & Filtering)	\$ 321.00 to \$	348.00
Group No. 4 (Shingle Fibre)	156.00 to	173.00
Group No. 5 (Paper Fibre)	109.00 to	132.00
Group No. 6 (Waste, Stucco or Plaster)		77.00
Group No. 7 (Refuse or Shorts)	37.00 to	68.50

THE CAREY CO.

Joining the staff of Carey merchandise managers, is *W. B. Evans*, Special Industries Department. Mr. Evans started with Carey in 1950, serving as a salesman in the St. Louis and Southwest districts.

As manager of the Special Industries Department, Mr. Evans will be in charge of the following products: expansion joint, filler asphalts, subgrade felt, Careylastic, asphalt plank, pipeline felt, padding and Carey-Glass wrap, Elasti-Boards, canal liner and farm board.

Mr. Evans replaces *V. V. Malcolm*, who has accepted a position as vice president and general manager of the Perrault Equipment Company, Tulsa, Oklahoma.

AMERICAN BRAKE SHOE CO.

Roy L. Salter has been appointed first vice-president of the Southern Wheel Division of American Brake Shoe Company.

Mr. Salter has been with the company since 1924 and was appointed vice-president in charge of operation in 1946.

Charles R. Joyce has been appointed eastern sales manager and *Daniel C. Poor* as district sales manager. Formerly sales representative, Mr. Joyce, joined Brake Shoe as an apprentice in 1948. He will now be located at division headquarters in New York. Mr. Poor started as a sales representative in 1948 and he will now be located at their Cleveland offices.

STANDARD ASBESTOS DISTRIBUTOR FOR UNARCO

The Standard Asbestos Manufacturing Company, 860 West Evergreen Avenue, Chicago, has been franchised as a distributor-contractor for the Union Asbestos & Rubber Company's asbestos insulating materials in the Chicago metropolitan area.

According to *Matthew J. Fitzgerald*, president of Standard, adequate stocks of varied types of Unarco heat insulations will be maintained in their Chicago warehouse and Standard will service manufacturers, contractors and distributors throughout Northern Illinois and Northern Indiana.

Standard, which has been in business since 1906, has an enviable reputation and an outstanding staff of capable insulation engineers.

SCANDINAVIA BELTING CO. MOVES EXECUTIVE OFFICE

On May 1, 1955 the Executive Office of Scandinavia Belting Company moved to Room 1701 — 744 Broad Street, Newark 1, N. J. (P. O. box 464). Warehouse and shipping operations will be continued at 250 Central Avenue, Newark, N. J.

NATIONAL GYPSUM VP RETIRES

John C. Best, vice president of the National Gypsum (Buffalo, N. Y.) and former president of Best Bros. Keene's Cement Co. retired recently from active business.

Mr. Best joined National Gypsum as vice president of the Industrial Division in 1938 when National purchased the Best Bros. Keene's Cement Company plant and gypsum deposits at Medicine Lodge, Kansas, a firm founded by Mr. Best's father and uncle in 1886.

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*The largest exporters of Chrysotile Fibre
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**CANADIAN INSTITUTE OF MINING & METALLURGY
Annual Meeting**

At the Annual Meeting of C.I.M., held in Toronto, Canada, April 18-20, *A. L. Penhale*, President of Asbestos Corporation Limited, was elected President for the year 1955-56, succeeding *C. C. Huston*, of Toronto.

The fact was emphasized that the meeting was one of the best in every respect ever held in Canada. Geologists, mining engineers and metallurgists were in attendance from all over the Dominion and from the United States, and technical papers dealing with every department of mining were on the program.

FORMER E-M DISTRICT MANAGER DIES

Phineas O. Baker, retired New England district manager of Raybestos-Manhattan, Inc., died on May 26th. Before his retirement in 1952, he was employed by Raybestos-Manhattan for 20 years.

**E. R. WILLIAMS RETIRES FROM
CAPE ASBESTOS ITALIAN SUBSIDIARY**

E. R. Williams, Managing Director of Capamiano S.p.A. of Turin, the Italian subsidiary of The Cape Asbestos Company Limited of London and South Africa, has retired after 35 years service.

The Cape Asbestos Company has had a factory in Turin since its foundation in 1893, but it was in 1911 that a separate company was formed and a new factory built. Mr. Williams joined the new company in 1920 as Joint Manager. Capamiano now produces a wide range of asbestos thermal insulation materials asbestos cloth, joinings and millboard, and as an insulation contractor is regularly engaged on big contracts in all the Italian shipbuilding yards.

Mr. Williams is succeeded at Turin by *Mr. John Hill*.

NEW APPOINTMENT AT J-M.

Appointment of *John M. Miller* to the newly established post of Assistant to the Sales Manager, Johns-Manville International Division, has been recently announced.

Mr. Miller joined Johns-Manville in 1937 as a Sales Representative for International Division. In 1947 he was promoted to Manager, Asbestos Fibre Department, International Division. Prior to his career with J-M, Mr. Miller was associated with the Sales Department of the Coca Cola Company at Atlanta, Georgia.

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ASBESTOS SHINGLE CUTTER

Tex-Cutter, declared to be the first new asbestos shingle cutter in 10 years, is now available from Texas Foundries, P. O. Box 180, Lufkin, Texas. Developed after two years of testing for leverage, balance, accuracy, ease of operation and durability, this cutter is precision engineered for a square, straight cut every time.

The new Tex-Cutter features case hardened blades and a rigid body casting of alloy iron. In addition, there is a small, separate handle which operates the front end punch and notch-er. This feature is exclusive with the Tex-Cutter and permits notching and punching with the shingle or siding in a fixed position.

THE RUBEROID CO.

The Ruberoid Co. has recently announced the appointment of *Richard James Grady* as superintendent of the Ruberoid plant in Savannah Ga.

Mr. Grady will replace *Frank Hickerson* who has been superintendent of the plant since it was acquired by Ruberoid in 1954. Mr. Hickerson will become assistant to the sales manager of the Savannah district.

William L. Nelson, superintendent of the Ruberoid plant in St. Louis, will be in charge of the East St. Louis operation. Mr. Nelson joined The Ruberoid Co. in 1944 and has been general superintendent of the St. Louis plant since 1949.



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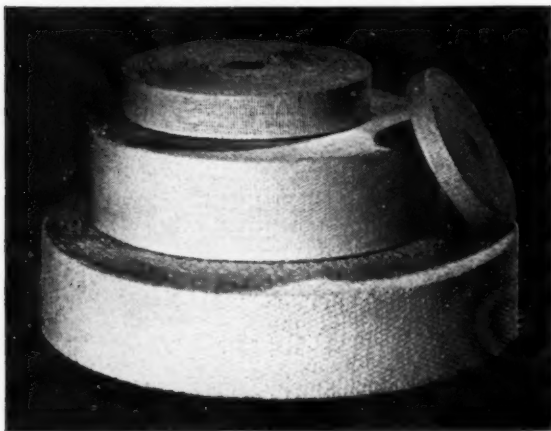
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R/M Electrical Insulating Tapes are woven .010", .015", .020" and .025" thick. Every strand of yarn in these tapes, both warp and filling, has a core of Nylon thread. The Nylon core provides more than adequate tensile for coil winding either by machine or by hand. The greater elasticity found in R/M tapes produces a snug fit around the sharp bends in motor coils. R/M superior electrical insulating tapes are typical of R/M product development.



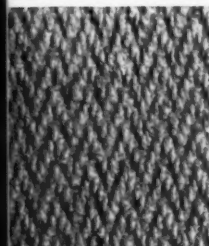
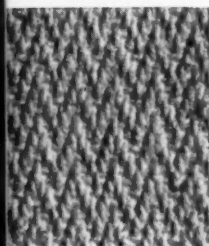
RAYBESTOS-MANHATTAN, INC.

ASBESTOS TEXTILE DIVISION, MANHEIM, PA.

FACTORIES: Manheim, Pa.; Bridgeport, Conn.; No. Charleston, S.C.; Passaic, N.J.; Neenah, Wis.; Crawfordsville, Ind.; Peterborough, Ont., Can.

RAYBESTOS-MANHATTAN, INC., Asbestos Textiles • Packings • Brake Linings • Brake Blocks • Clutch Facings • Fan Belts • Radiator Hose • Rubber Covered Equipment • Industrial Rubber, Engineered Plastic, and Sintered Metal Products • Abrasive and Diamond Wheels • Bowling Balls

SOUTHERN ASBESTOS HERRINGBONE CLOTHS



Originally designed and developed for safety clothing, Southern's Herringbone Weave Asbestos Cloth has many other uses because of its fine texture and high tensile strength.

Made to prevent excessive ravelling; constructed for maximum resistance; smooth, closely-woven texture—all result in a stronger, more durable cloth. Write for Folder No. 1005.

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Southern Asbestos, with over 25 years of specialized experience in developing and manufacturing Asbestos Textiles and Textile Products, will be glad to work with you on problems involving new uses or better uses for asbestos fibres and textiles.

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